

October 14, 1992

GMP #7

**MEMORANDUM**

TO: District Directors  
Environmental Health Managers  
Environmental Health Project Managers

FROM: David Effert, Technical Services Chief  
Division of Onsite Sewage and Water Services

SUBJECT: Use of the "Flow Divider Tee" to divide the flow of  
septic tank effluent

The commissioner has approved a waiver to Sections 2.25.A and 2.25.B of the Sewage Handling and Disposal Regulations to allow for the use of "Flow Divider Tee" for a period of one year when it is necessary to divide wastewater equally under gravity flow to a soil absorption field. Attached is a copy of the waiver.

The Flow Divider Tee, as manufactured by the Flow Divider Company of Raleigh, North Carolina, has been approved for a period of one year to be used under the following conditions:

1. When the total wastewater flow is to be divided equally into two portions, a single flow divider tee may be used.
2. When the total wastewater flow is to be divided into multiple portions each of equal volume, multiple Flow Divider Tees may be used to achieve the dispersion of effluent which is equivalent to the use of a distribution box.

**In all cases, hydraulic flows must be less than 5 gallons per minute through the Flow Divider Tee, and all of the manufacturer's installation requirements must be met.**

Enclosed, for your review, is a copy of the product literature and performance evaluation results for the Flow Divider Tee as presented to this office by the manufacturer.

Flow Divider Approval  
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The Flow Divider Tee has been approved for a one year trial period with the condition that the company inform the Office of Environmental Health Services of the use of the tee prior to its installation at each site. In this way, the Office will have a record of the location of the tees. This information can then be used to evaluate the performance of the product. In addition to having the manufacture inform the Office of the location and use of the product, it is requested that all staff keep David Effert, Technical Services Chief, informed of the performance of the Flow Divider Tee in your area. This information is essential for the evaluation of the product.

If you have any questions, comments, or concerns, please contact me at (804) 786-1750. I look forward to hearing from you.

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Sewage - Onsite - Product Approval

October 14, 1992

Certified Mail

Mr. J. E. Tyson  
Flow Divider Company  
10621 Six Forks Road  
Raleigh, N.C. 27614

Dear Mr. Tyson:

I have reviewed your request for a waiver to ' ' 2.25.A and 2.25.B of the Sewage Handling and Disposal Regulations for the use of the Flow Divider Tee in place of a distribution box or other flow splitter device when used to divide wastewater equally under gravity flow to a soil absorption field. Further, I have reviewed the performance review of the product written by Robert Rubin, Ph.D., of the North Carolina State University Extension Service, and your product literature.

Based on the information you have provided, I am granting you a waiver to ' ' 2.25.A and 2.25.B of the Sewage Handling and Disposal Regulations to allow for the use of the Flow Divider Tee for a period one year to be used in place of a distribution box to divide wastewater equally under gravity flow to a soil absorption field.

The following conditions apply to this waiver:

1. The Office of Environmental Health Service, Division of Onsite Sewage and Water Services, must be informed of all Flow Divider Tee uses prior to their installation.
2. During the one year period of the waiver, the Department will periodically monitor the systems to determine the Flow Divider Tee's performance.
3. If, during the one year waiver period, the Flow Divider Tees do not operate as proposed in your product literature, this waiver will be revoked.
4. At the end of the one year period, the Department will determine if the waiver should be extended, made permanent or revoked.

Mr. J. E. Tyson  
October 4, 1992  
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The effective date of this waiver shall be 15 days after its issuance. This waiver is for ' ' 2.25.A and 2.25.B of the Sewage Handling and Disposal Regulations and is not transferable.

Sincerely,

Robert B. Stroube, M.D., M.P.H.  
State Health Commissioner

pc: Donald J. Alexander  
David D. Effert